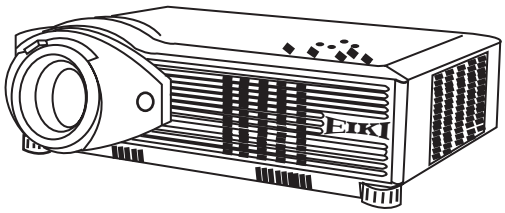
LC-XB27N

A-key to better communications.

XGA "Brilliant" Series



LC-XB27N

KEY FEATURES: Model LC-XB27N

Weighs less than 6 lbs! Footprint 1/3 smaller than a sheet of paper!
2500 ANSI Lumens bright, 80% uniformity, up to a 500:1 contrast ratio.
3 panel LCD imaging delivers a rich, color saturated picture.
True XGA resolution. UXGA~VGA, WXGA and MAC compatible.
Quiet operation: fan noise less than 30 dBA in Eco mode.
Smart data compression / expansion, and video scaling.
Convenient wide range (1.5+:1) manual zoom and focus lens.
Preset image offset. Vertical digital keystone correction.
Accepts Composite, S, and Component Video in all major standards.
Displays both Regular 4:3 and Widescreen 16:9 ratio video formats.
Supports most HDTV resolutions. Converts Interlace to Progressive.
Variable Power Management option. Optional local or remote keylock.
DVI is HDCP compatible. Slideshow Page Up/Down on remote control.
Cutom warm up screen image option. Factory defaults reset.
Wireless remote with mouse and Laser pointer. 7X digital zoom.
3 Year* Projector Warranty!

New Features:

1. Built-in RJ45 (100/10) Ethernet wired network projector control and content delivery via computer (PC-only software).
2. Optional 802.11 b/g adapter for wireless network projector control and content delivery via computer (PC-only software).
3. Optional USB computerless slideshow memory adapter (PC-only software).

Included Accessories: Projector and Network Owner's Manual. AC Power Cord. Lens Cover. VGA type Computer Input Cable (HD15 ~ DVI-I). Wireless Remote Control With Mouse and Laser Pointer & Batteries (AAA x 2). Mouse cable for computer USB Port. CD-ROM with PC software for all network functions. Soft Carry Bag.

Optional Accessories: Replacement Lamp. Component Video Input Cable (HD15~3-RCA). DB9~Mini DIN-8 cable for RS-232 control. Luggage-Style ("wheelie") Carrying Case with Wheels, Telescoping Handle, and Detachable Computer Compartment. ATA-Style Shipping Case with Wheels and Telescoping Handle. Ceiling Mount. Ceiling Post and Plate. 33' (10m) Extension Cable for Serial Cable. 256 MB USB Memory Computerless Slideshow Adapter. 802.11 b/g Wireless Projector Control & Content Delivery Adapter. EZ-250 Local Control.

SPECIFICATIONS: Model LC-XB27N

Screen Brightness	2,500 ANSI Lumens / 2000 in Eco mode
Illumination Uniformity	80%
Size of Color Palette	16.7 Million
Contrast Ratio	up to 500:1 (Full ON/OFF) (Auto & Dynamic, WideAngle)
Projection Lamp	200 Watt UHP
Estimated Lamp Life	up to 2000 Hours, (in Eco mode)
Imaging System	0.7" PolySilicon active matrix TFT Panels x 3
Screen Pixels	1024 x 768 in stripe configuration
Total Pixels	2,359,296 ((1024 x 768) x 3)
Lens Type	Manual Zoom and Focus
Lens Specs	Speed: f:1.6~2.5; FL: 0.697~1.114 in. (17.7~28.3 mm)
Lens Ratios	Zoom Max:Min: 1.56:1; Throw:Width: 1.24~1.93:1
Image Diagonal	40~300 in. (102~762 cm)
Image Width	2.67~20 ft. (0.84~6.1 m.)
Throw Distance	3.3~38.7 ft. (1.0~11.8 m.)
Front Elevation / Maximum Tilt	up to 10° up / +/- 10°
Anti Keystone	Fixed Image Offset, Ratio (Top:Bottom) 6:1
Vertical Keystone Correction	Digital: up to 20° up or down
Scanning Frequency	Auto: H Sync. 15-100kHz; V Sync. 50-100Hz
Dot Clock	140 MHz
Image Orientation	Normal, Reversed, Inverted
Local Control / Power Management	Full Function / Auto Shutdown
Remote Proj & Mouse Ctrl	Wireless (Infra Red) with Laser Pointer x 1
Mouse Port	USB type B x 1
Service Port (for RS-232 control)	Mini DIN 8 Pin x 1
Wired Network Port	RJ45 x 1 (100/10)
Wireless Network & Computerless Slideshow Port	USB type A x 1
Computer Native Resolution	1024 x 768 (XGA)
Computer: Compatibility	UXGA, SXGA+, SXGA, WXGA, XGA, SVGA, VGA, MAC
Computer: Formats	1600x1200, through 640x480
Computer: Higher Resolutions	Displayed panned or Smart Compressed
Computer: Lower Resolution	Displayed normal or Smart Expanded
Video: Compatibility	NTSC / PAL / SECAM / NTSC 4.43 / PAL-M&N
Video: HD Compatibility	480i/p, 575i/p, 720p, 1035i, 1080i
Video: Formats Supported	Normal 4:3 and Wide Screen 16:9
Video: Image Sizing	Video Scaling Technology
Image Signal Inputs	
Computer In 1:	DVI-I x 1 (HD15 via supplied Input Cable)
Computer: In 2:/ Component In / Computer Monitor out :	HD15 x 1
Video In :	RCA x 1 (Composite) S-Video x 1 (Y/C)
Audio Signal Inputs	
Computer 1 & 2 / Component	Stereo: Ministereo x 1
Composite/S-Video	RCA x 2 (L & R)
Audio: Amplifier	Mono: 1 Watt RMS
Audio: Built In Speakers	1.1 in. (2.8 cm) x 1
Audio: Output	Stereo: Ministereo x 1 (Variable)
Fan Noise	35.7 dBA / 29.8 dBA in Eco mode
Cabinet Size** (HxWxD)	2.28 x 9.66 x 6.82in. (69.5 x 294.5 x 208mm.) ** excluding legs and lens
Weight	5.7 lbs. (2.6 kg)
Packaged Size (H x W x D)	13.2 x 16.2 x 14.2in. (334 x 410 x 360mm.)
Packaged Weight	14.1 lb (6.4kg)
Power Requirements	100-240V AC, 50/60Hz
Power Consumption	280 W / 210 W in Eco (Standby 14 W / 9 in Eco)
Heat	955 BTU/hr (241 Kcal/hr) / 717 BTU/hr (181 Kcal/hr) in Eco
Power Cord	10' (3M) Type 3, Detachable
Safety Compliance	cUL , UL, IEC
Electronics Compliance	FCC Class B, CE
Security Facilities	Kensington® Security Slot
Operating Temperature	41~95°F (5~35°C)
User Maintenance	Clean Air Filter, Replace Lamp
Warranty: (to the original end-use customer)	
Projector:	3 Yr. / 6000 Hour Use. *(Parts & Labor to Correct Defects)
Lamp:	90 Days (Failed Lamp Replaced Pro-Rata) * Whichever occurs first

Caution! Laser Radiation – Do not stare into beam. Max. Output: 1 mW. Wave Length: 640 ~ 660 nm. Class II Laser Product.

Lamp contains Mercury. Do not put in trash. Dispose of as Hazardous Waste, according to Local, State or Federal Laws.

Specifications subject to change without notice. ©2006 Eiki International, Inc. Issued February 10, 2006.

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